

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A monopole antenna comprising:

a helical radiating element including a first longitudinal portion having a first winding pitch and a second longitudinal portion having a second winding pitch;
and

a cylindrical radiating element located exterior of said helical radiating element, being generally coaxial with and enclosing said helical radiating element and extending along and about at least most of said first longitudinal portion;

a dielectric separator located between said helical radiating element and said cylindrical radiating element; and

a dielectric insert located interior of said helical radiating element and being configured to maintain said first winding pitch of said first longitudinal portion of said helical radiating element;

whereby said helical radiating element and said cylindrical radiating element provide a coaxial conductive path between a base of said helical radiating element and a portion of said helical element extending beyond said cylindrical radiating element.

2.-3. (Cancelled)

4. (Previously Amended) A monopole antenna according to claim 1 wherein said second winding pitch is greater than said first winding pitch.

5. (Original) A monopole antenna according to claim 4 and wherein said second winding pitch is 40 – 50% greater than said first winding pitch.

6.-12. (Cancelled)